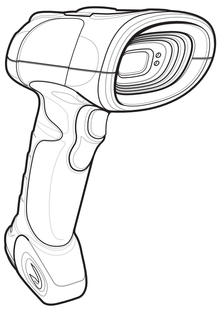
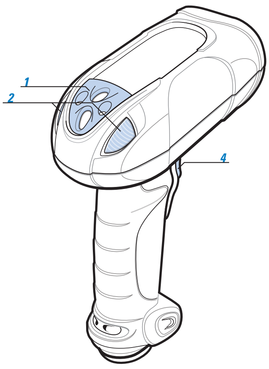
SYMBOL DS3407
Quick Start Guide

http://www.motorola.com/ds3400 *See Product Reference Guide for more information*

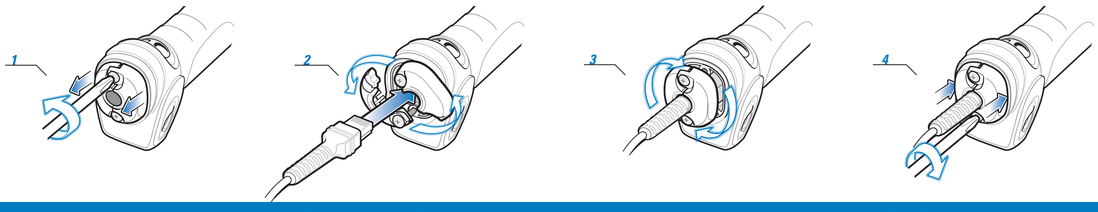
POST IN WORK AREA





1 Tether Plate
2 LED Indicators
3 Scan Window
4 Scan Trigger

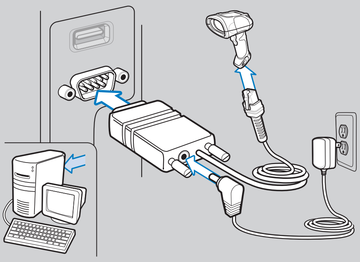
CORD ATTACHMENT



HOST INTERFACES

NOTE: Cables may vary depending on configuration

RS-232



USB

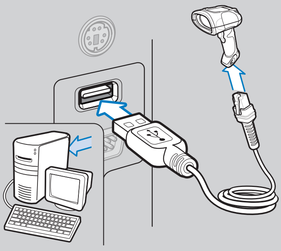
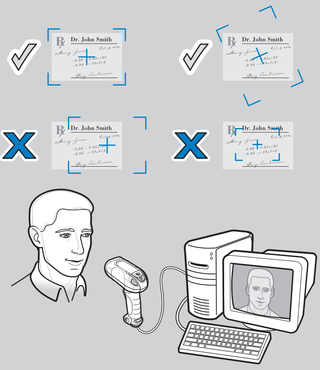


IMAGE CAPTURE



TROUBLESHOOTING

Scanner not working

No power to scanner
Check system power; ensure power supply, if required, is connected

Incorrect interface cable used
Ensure that correct interface cable is used

Interface/power cables are loose
Check for loose cable connections

Scanner not decoding bar code

Scanner not programmed for bar code type
Ensure scanner is programmed to read type of bar code being scanned

Bar code unreadable
Ensure bar code is not defaced; try scanning test bar code of same bar code type

Distance between scanner and bar code incorrect
Move scanner closer to or further from bar code

Scanner decoding bar code, but data not transmitting to host

Scanner not programmed for correct host interface
Check scanner host parameters or edit options

Interface cable is loose
Check for loose cable connections

Scanned data incorrectly displayed on host

Scanner not programmed for correct host interface
Check scanner host parameters or edit options

SYMBOL DS3407 PROGRAMMING BAR CODES

Set Defaults

SET DEFAULTS

USB Host Types

HID KEYBOARD EMULATION

IBM HAND-HELD USB

Focus Mode

Far Focus

Near Focus

Smart Focus

Auto Aim trigger mode is the default (red laser aiming pattern automatically turns on when the digital scanner senses motion). After 2 seconds of inactivity, the red laser aiming pattern automatically shuts off. To turn off default, scan Level below to activate the red laser aiming pattern and decode processing upon trigger pull. Decode processing continues until bar code decodes, trigger release or Decode Session Timeout is reached.

Level

Level (00h)

SSI Host Types

Baud Rate 9600

Baud Rate 38,400

Baud Rate 115,200

RS-232 Host Types

STANDARD RS-232

NIXDORF RS-232 MODE B

ICL RS-232

FUJITSU RS-232

NIXDORF RS-232 MODE A

OPOS/JPOS

To add an Enter key after scanned data, scan all THREE bar codes below, in numerical order.

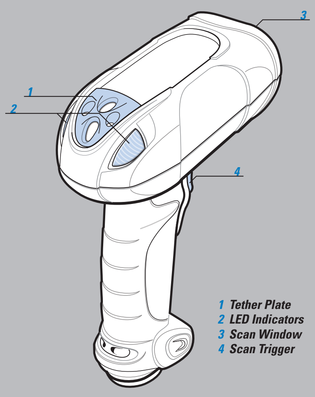
Add an Enter Key (Carriage Return/Line Feed)

1 SCAN OPTIONS

2 <DATA><SUFFIX>

3 ENTER

OPTIMUM SCANNING POSITIONS



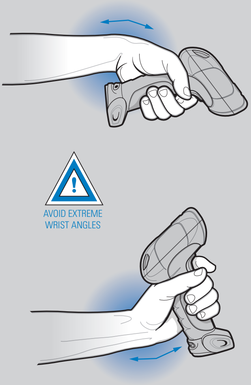
1 Tether Plate
2 LED Indicators
3 Scan Window
4 Scan Trigger

Digital Scanner (DS)

ALTERNATE LEFT AND RIGHT HANDS
TAKING BREAKS AND TASK ROTATION RECOMMENDED

OPTIMUM UPRIGHT BODY POSTURE

AVOID EXTREME WRIST ANGLES



BEEPER INDICATIONS

Standard Use

Low/medium/high beep	*Short high beep*	*4 long low beeps*
Power up	Bar code decoded [if decode beeper enabled]	Transmission error detected; data is ignored

Parameter Menu Scanning

High/low/high/low beep	*High/low beep*	*Low/high beep*
Successful parameter setting	Correct programming sequence performed	Incorrect programming sequence or Cancel bar code scanned

LED Indications

Off	*Green*	*Red*
Scanner is on and ready to scan, or no power to scanner	Bar code is successfully decoded	Transmission error

OPTIMUM BODY POSTURE

Optimum Body Posture for Low Scanning

POST IN WORK AREA

Optimum Body Posture for Scanning

*Local Contact:*_____

SYMBOL DS3407

Recommended Usage Guide

REGULATORY INFORMATION

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Motorola reserves the right to make changes to any product to improve reliability, function, or design.

Motorola does not assume any product liability arising out of, or in connection with, the application or use of any product, circuit, or application described herein. No license is granted, either expressly or by implication, estoppel, or otherwise under any patent right or patent, covering or relating to any combination, system, apparatus, machine, material, method, or process in which Motorola products might be used. An implied license exists only for equipment, circuits, and subsystems contained in Motorola products.

MOTOROLA, the Stylized M Logo and Symbol and the Symbol logo are registered trademarks of Motorola, Inc. Other product names mentioned in this manual may be trademarks or registered trademarks of their respective companies and are hereby acknowledged.

Warranty

For the complete Motorola hardware product warranty statement, go to:
http://www.motorola.com/enterprisemobility/warranty.

Service Information

If you have a problem using the equipment, contact your facility's Technical or Systems Support. If there is a problem with the equipment, they will contact the Motorola Enterprise Mobility Support at:
http://www.motorola.com/enterprisemobility/support.

For the latest version of this guide go to:
http://www.motorola.com/enterprisemobility/manuals.

Waste Electrical and Electronic Equipment (WEEE)

English: For EU Customers: All products at the end of their life must be returned to Motorola for recycling. For information on how to return product, please go to: http://www.motorola.com/recyclinginweee.

За клиенти от ЕС: След края на полезния им живот всички продукти трябва да се връщат на Motorola за рециклиране. За информация относно връщането на продукти, моля отидете на адрес: http://www.motorola.com/recyclinginweee.

Čeština: Pro zákazníky z EU: Všechny produkty je nutné po skončení jejich životnosti vrátit společnosti Motorola k recyklaci. Informace o způsobu vrácení produktu najdete na webové stránce: http://www.motorola.com/recyclinginweee.

Dansk: Til kunder i EU: Alle produkter skal returneres til Motorola til nedvinding, når de er udtjent. Læs oplysningerne om returnering af produkter på: http://www.motorola.com/recyclinginweee.

Deutsch: Für Kunden innerhalb der EU: Alle Produkte müssen am Ende ihrer Lebensdauer zum Recycling an Motorola zurückgesandt werden. Informationen zur Rücksendung von Produkten finden Sie unter: http://www.motorola.com/recyclinginweee.

Ελληνικά: Για πελάτες στην ΕΕ: Όλα τα προϊόντα, στο τέλος της διάρκειας ζωής τους, πρέπει να επιστρέφονται στην Motorola για ανακύκλωση. Για περισσότερες πληροφορίες σχετικά με την επιστροφή ενός προϊόντος, επισκεφθείτε τη διεύθυνση: http://www.motorola.com/recyclinginweee στο διαδίκτυο.

Eesti: EL Klientidele: Kõik tooted tuleb nende eluea lõppedes tagastada taaskasutamise eesmärgil Motorolale. Lisainformatsiooni saamiseks toote tagastamise kohta külastage palun aadressi: http://www.motorola.com/recyclinginweee.

Español: Para clientes en la Unión Europea: todos los productos deberán entregarse a Motorola al final de su ciclo de vida para que sean reciclados. Si desea más información sobre cómo devolver un producto, visite: http://www.motorola.com/recyclinginweee.

Français : Clients de l'Union Européenne : Tous les produits en fin de cycle de vie doivent être retournés à Motorola pour recyclage. Pour de plus amples informations sur le retour de produits, consultez : http://www.motorola.com/recyclinginweee.

Italiano: Per i clienti dell'UE: tutti i prodotti al termine del rispettivo ciclo di vita devono essere restituiti a Motorola al fine di consentirne il riciclaggio. Per informazioni sulle modalità di restituzione, visitare il seguente sito Web: http://www.motorola.com/recyclinginweee.

Lietuviu: ES klientiem: visi produkti pec tā kalpošanās mūža beigām ir jānogāda atpakaļ Motorola otrreizējai pārstrādei. Lai iegūtu informāciju par produktu nogādāšanu Motorola, lūdzu, skatiet: http://www.motorola.com/recyclinginweee.

Lietuvių: ES vartotojams: visi gaminiai, pasibaigus jų eksploatacijos laikui, turi būti grąžinti utilizuoti į kompaniją „Motorola". Daugiau informacijos, kaip grąžinti gaminį, rasite: http://www.motorola.com/recyclinginweee.

Magyar: Az EU-ban vásárlóknak: Minden tönkrement terméket a Motorola vállalathoz kell eljuttatni újrahasznosítás céljából. A termék visszajuttatásának módjával kapcsolatos tudnivalókért látogasson el a http://www.motorola.com/recyclinginweee weboldalra.

Malti: Għal klijenti fl-UE: Ipprodotti kollha li jkunu waslu fl-aħħar tal-ħajja ta' kulu jaghtihom mills-jiġu rritornati għand Motorola għar-riċiklaġġ. Għal aktar tagħrif dwar kif għandek timtorna l-prodotti, jekk jogħġbok żur: http://www.motorola.com/recyclinginweee.

Nederlands: Voor klanten in de EU: alle producten dienen aan het einde van hun levensduur naar Motorola te worden teruggezonden voor recycling. Raadpleeg: http://www.motorola.com/recyclinginweee voor meer informatie over het terugzenden van producten.

Polski: Klienci z obszaru Unii Europejskiej: Produkty wycofane z eksploatacji należy zwrócić do firmy Motorola w celu ich utylizacji. Informacje na temat zwrotu produktów znajdują się na stronie internetowej: http://www.motorola.com/recyclinginweee.

Português: Para clientes da UE: todos os produtos no fim da vida devem ser devolvidos à Motorola para reciclagem. Para obter informações sobre como devolver o produto, visite: http://www.motorola.com/recyclinginweee.

Română: Pentru clienții din UE: Toate produsele, la sfârșitul duratei lor de funcționare, trebuie returnate la Motorola pentru reciclare. Pentru informații despre returnarea produselor, accesați: http://www.motorola.com/recyclinginweee.

Slovenčina: Pre zákazníkov z krajín EÚ: Všetky výrobky musia byť po uplynutí doby ich životnosti vrátené spoločnosti Motorola na recykláciu. Bližšie informácie o vrátení výrobkov nájdete na: http://www.motorola.com/recyclinginweee.

Slovenščina: Za kupce v EU: vsi izdelki se morajo po poteku življenjske dobe vrniti podjetju Motorola za reciklažo. Za informacije o vračilu izdelka obiščite: http://www.motorola.com/recyclinginweee.

Suomi: Asiakkaat Euroopan unionin alueella: Kaikki tuotteet on palautettava kierrätettäväksi Motorolle-käytön: kun tuotetta ei enää käytetä. Lisätietoja tuotteen palautamisesta on osoitteessa http://www.motorola.com/recyclinginweee.

Svenska: För kunder inom EU: Alla produkter som uppnått sin livslängd måste returneras till Motorola för återvinning. Information om hur du returnerar produkten finns på http://www.motorola.com/recyclinginweee.

Türkçe: AB Müşterileri için: Kullanım süresi dolan tüm ürünler geri dönüştürmeye için Motorola'ya iade edilmelidir. Ürünlerin nasıl iade edileceği hakkında bilgi için lütfen şu adrese zıyaret edin: http://www.motorola.com/recyclinginweee.

Ergonomic Recommendations

Caution: In order to avoid or minimize the potential risk of ergonomic injury follow the recommendations below. Consult with your local Health & Safety Manager to ensure that you are adhering to your company's safety programs to prevent employee injury.

- Reduce or eliminate repetitive motion
- Maintain a natural position
- Reduce or eliminate excessive force
- Keep objects that are used frequently within easy reach
- Perform tasks at correct heights
- Reduce or eliminate vibration
- Reduce or eliminate direct pressure
- Provide adjustable workstations
- Provide adequate clearance
- Provide a suitable working environment
- Improve work procedures.

Regulatory Information

Symbol Technologies, Inc., the Enterprise Mobility business of Motorola, Inc. ("Motorola").
All Symbol devices are designed to be compliant with rules and regulations in locations they are sold and will be labeled as required.

Any changes or modifications to Symbol Technologies equipment, not expressly approved by Symbol Technologies, could void the user's authority to operate the equipment.

Radio Frequency Interference Requirements

Tested to comply with FCC Standards
FOR HOME OR OFFICE USE

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help.

Radio Frequency Interference Requirements – Canada

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Marking and European Economic Area (EEA)

CE

Statement of Compliance

Symbol Technologies, Inc., hereby declares that this device is in compliance with all the applicable Directives, 89/336/EEC, 73/23/EEC. A Declaration of Conformity may be obtained from http://www2.symbol.com/doc

Laser Labels

In accordance with Clause 5, IEC 825 and EN60825, the following information is provided to the user:

ENGLISH
CLASS 1 CLASS 1 LASER PRODUCT
CLASS 2 LASER LIGHT
DO NOT STARE INTO BEAM
CLASS 2 LASER PRODUCT

DANISH / DANSK
KLASSE 1 KLASSE 1 LASERPRODUKT
KLASSE 2 LASERLYS
SE IKKE IND I STRÅLEN
KLASSE 2 LASERPRODUKT

DUTCH / NEDERLANDS
KLASSE 1 KLASSE-1 LASERPRODUKT
KLASSE 2 LASERLICHT
NIET IN STRAAL STAREN
KLASSE-2 LASERPRODUKT

FINNISH / SUOMI
LUOKKA 1 LUOKKA 1 LASERTUOTE
LUOKKA 2 LASERVALO
ÄLÄ TUIJOTA SÄDETTÄ
LUOKKA 2 LASERTUOTE

FRENCH / FRANÇAIS
CLASSE 1 PRODUIT LASER DE CLASSE 1
CLASSE 2 LUMIERE LASER
NE PAS REGARDER LE RAYON FIXEMENT
PRODUIT LASER DE CLASSE 2

GERMAN / DEUTSCH
KLASSE 1 LASERPRODUKT DER KLASSE 1
KLASSE 2 LASERSTRAHLEN
NICHT DIREKT IN DEN LASERSTRAHL SCHAUEN
LASERPRODUKT DER KLASSE 2

JAPANESE / 日本語
第1種 第1種レーザー製品
第2種 レーザー光線
光線を見つめないでください
2種 レーザー製品

HEBREW
מוצר ליזר 1 רמה 1
אור לייזר
אין להתבונן אל תוך הזרם
מוצר ליזר 2 רמה 2

ITALIAN / ITALIANO
CLASSE 1 PRODOTTO AL LASER DI CLASSE 1
CLASSE 2 LUCE LASER
NON FISSARE IL RAGGIO PRODOTTO AL LASER DI CLASSE 2

NORWEGIAN / NORSK
KLASSE 1 LASERPRODUKT, KLASSE 1
KLASSE 2 LASERLYS IKKE STIRR INN LYSSTRÅLEN
LASERPRODUKT, KLASSE 2

PORTUGUESE / PORTUGUÊS
CLASSE 1 PRODUTO LASER DA CLASSE 1
CLASSE 2 LUZ DE LASER NÃO FIXAR O RAIO LUMINOSO
PRODUTO LASER DA CLASSE 2

SPANISH / ESPAÑOL
CLASE 1 PRODUCTO LASER DE LA CLASE 1
CLASE 2 LUZ LASER
NO MIRE FIJAMENTE EL HAZ
PRODUCTO LASER DE LA CLASE 2

SWEDISH / SVENSKA
KLASS 1 LASERPRODUKT KLASS 1
KLASS 2 LASERLJUS STIRRA INTE MOT STRÅLEN
LASERPRODUKT KLASS 2

CHINESE / 简体中文
1 类 1 类激光产品
2 类 激光切勿注视光束
2 类激光产品

KOREAN / 한국어
1등급 1등급 레이저 제품
2등급 레이저 광선
이 광선을 주시하지 마십시오.
2등급 레이저 광선

Laser Devices

COMPLIES WITH 21CFR1040.10 AND 1040.11 EXCEPT FOR DEVIATIONS PURSUANT TO LASER NOTICE NO. 50, DATED JUNE 24, 2007 AND IEC 60825-1 (Ed. 2.0), EN60825-1:2007

Class 1 Laser devices are not considered to be hazardous when used for their intended purpose. The following statement is required to comply with US and international regulations:

Caution: Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous laser light exposure.

Class 2 laser scanners use a low power, visible light diode. As with any very bright light source, such as the sun, the user should avoid staring directly into the light beam. Momentary exposure to a Class 2 laser is not known to be harmful.

Scanner Labeling

MOTOROLA
Motorola, Inc.
One Motorola Plaza Holtsville, New York 11742-1300, USA
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72-70217-01 Rev C March 2010

http://www.motorola.com/ds3400

SYMBOL DS3407

Recommended Usage Guide